



04584421
Edition 3
October 2013

Air Impact Wrench

2906P Series

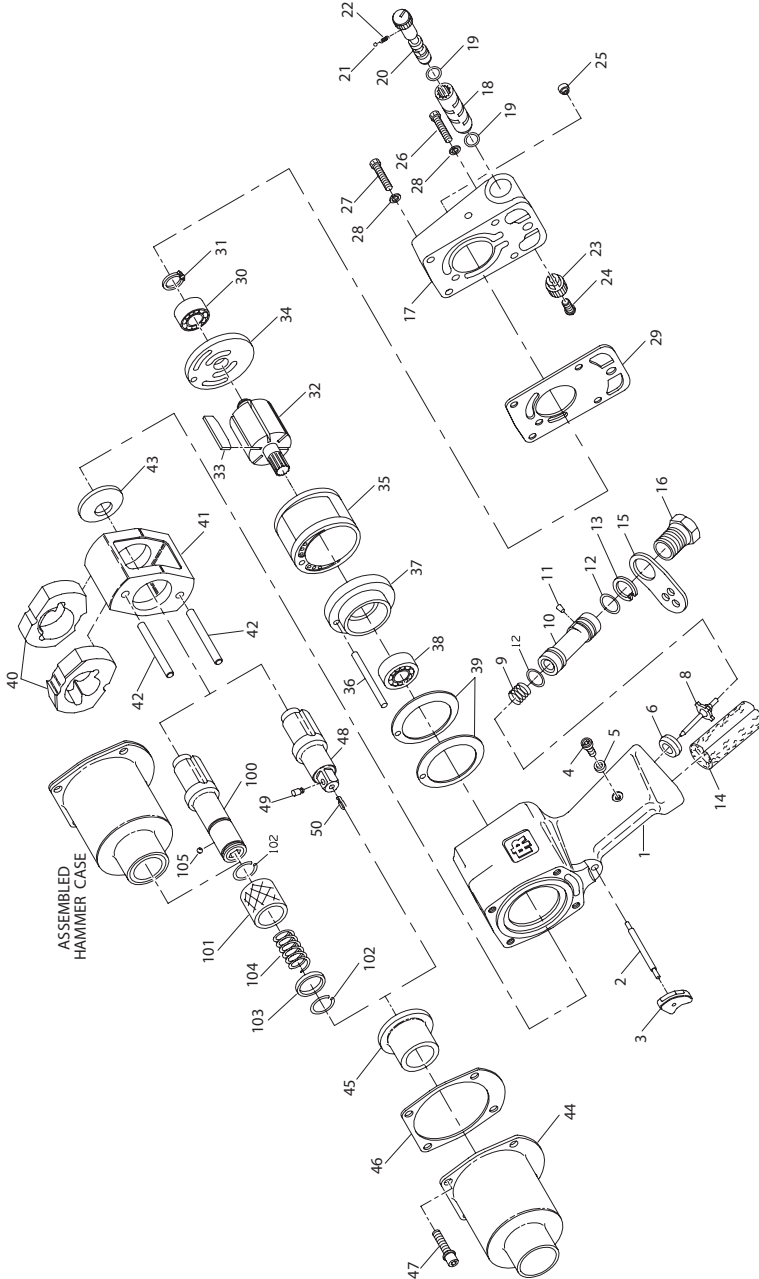
Parts Information



Save These Instructions

IR Ingersoll Rand®

2906P Series Air Impact Wrench - Exploded View



(Dwg. TPA1112-4)

2906P Series Air Impact Wrench - Parts List

| Item | Part Description | Part Number | Item | Part Description | Part Number |
|-------|-------------------------------------|--------------|-------|--|---------------|
| 1 | Motor Housing Assembly | 2906P-A40 | 35 | Cylinder | 904-3 |
| | Trigger Assembly | 7AH-A93 | 36 | Cylinder Dowel | 2906P-98 |
| 2 | Trigger Pin | 7AH-94 | • 37 | Front End Plate | 2906P-11 |
| 3 | Trigger | 5RA-93 | †• 38 | Front Rotor Bearing | 4U-97 |
| 4 | Oil Chamber Plug | D92-227 | 39 | Motor Clamp Washer (2) | 804-207 |
| †• 5 | Oil Chamber Plug Seal | R3-92A | 40 | Hammer (2) | 231XP-724 |
| † 6 | Throttle Valve Seat | 2908-303 | 41 | Hammer Frame Assembly | 231XP-A703 |
| † 8 | Throttle Valve | LG2-302 | 42 | Hammer Pin (2) | 231-704 |
| † 9 | Throttle Valve Spring | 2908-51 | 43 | Hammer Frame Washer | 2906P-706 |
| 10 | Oiler Body Assembly | 2905P-A198 | 44 | Hammer Case Assembly | |
| 11 | Oiler Plug | 77H-75 | | for 2906P1 and 2906P7 | 2906P-A727 |
| †• 12 | Oiler Body Seal (2) | AF120-290 | | for 2906P1-EU and 2906P7-EU | 2906P-EU-A727 |
| 13 | Oiler Retaining Ring | 2908-304 | 45 | Hammer Case Bushing | 705-941 |
| † 14 | Exhaust Silencer | 2905P-311 | * | Hammer Case Label | |
| 15 | Exhaust Deflector | 2905P-23 | | for 2906P1 and 2906P7 | WARNING-2-99 |
| 16 | Air Inlet | 402-565 | | for 2906P1-EU and 2906P7-EU | EU-99 |
| | Housing Cover Assembly | 2906P-A202 | † 46 | Hammer Case Gasket | 2905P-36 |
| 17 | Housing Cover | 2906P-202 | 47 | Hammer Case Cap Screw (4) | 2903P-638 |
| 18 | Reverse Valve Bushing Assembly | 231-A330 | 48 | Anvil Assembly (with Pin-type Retainer) | |
| †• 19 | Reverse Valve Bushing Seal (2) | P53-67 | | for 1/2" Square Drive | 2904-P726 |
| 20 | Reverse Valve | 231-329A | | for 5/8" Square Drive | 2904-P826 |
| † 21 | Reverse Valve Detent Ball | AV1-255 | † 49 | Socket Retaining Plunger | |
| † 22 | Reverse Valve Detent Spring | 231-664 | | for 1/2" Square Drive | 804-716 |
| 23 | Reverse Valve Knob | 231-666 | | for 5/8" Square Drive | 808-716 |
| 24 | Reverse Valve Knob Screw | 231-665 | † 50 | Plunger Spring | SUHD-718 |
| 25 | Grease Fitting | 130SR-188 | | Quick-Change Anvil Assembly | 705-A926A-7 |
| + * | Nameplate | | 100 | Quick-Change Anvil | 705-926A-7 |
| | for 2906P1 and 2906P7 | 2906P-301 | 101 | Retaining Sleeve | 4U-930-7 |
| | for 2906P1-EU and 2906P7-EU | 2906P-EU-301 | 102 | Thrust Ring Lock (2) | 4U-933-7 |
| 26 | Housing Cover Cap Screw (2) (long) | 4U-638 | 103 | Thrust Ring | 4U-932-7 |
| 27 | Housing Cover Cap Screw (2) (short) | 2906P-638 | 104 | Retaining Sleeve Spring | 4U-931-7 |
| 28 | Housing Cover Lock Washer (4) | 4U-58 | 105 | Retaining Ball (7/32" diameter) (2) | 2U-722 |
| † 29 | Housing Cover Gasket | 2906P-283 | * | Vertical Hanger | 2908-365 |
| †• 30 | Rear Rotor Bearing | 402-22 | * | Horizontal Hanger | 904-366 |
| † 31 | Rear Rotor Bearing Retainer | 402-118 | * | Grease Gun | R000A2-228 |
| 32 | Rotor | 244-53 | * | Tune-up Kit (includes illustrated items 5, 6, 8, 9, 12 [2], 14, 19 [2], 21, 22, 29, 30, 31, 33, 38, 46, 49 and 50) | 2906P-TK1 |
| †• 33 | Vane Packet (set of 6 Vanes) | 2906P-42-6 | | | |
| • 34 | Rear End Plate | 231-12 | | | |

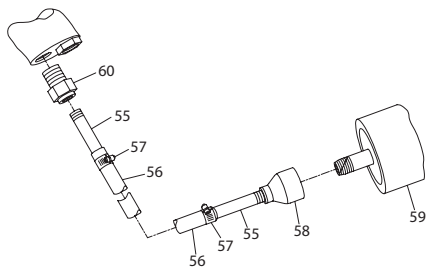
* Not illustrated.

† Indicates Tune-up Kit Part.

+ We recommend that a new Nameplate be ordered with each Housing Cover.

• To keep downtime to a minimum, it is desirable to have on hand certain repair parts. We recommend that you stock one (pair or set) of each part indicated by a bullet (•) for every four tools in service.

Accessories and Special Equipment



(Dwg. TPC453)

| Item | Part Description | Part Number |
|------|----------------------------|-------------|
| | Piped Away Exhaust Kit | |
| | with Muffler | 2905-KM184 |
| | with Muffler and Coupling | 2905-K184 |
| 55 | Hose Adapter (2) | 2905-167 |
| 56 | Exhaust Hose (10 ft. long) | 2905-184 |
| 57 | Hose Clamp (2) | 2905-185 |
| 58 | Muffler Coupling | 2905-186 |
| 59 | Muffler | 2905-674 |
| 60 | Reducing Bushing | H80-82A |

Parts and Maintenance

When the life of the tool has expired, it is recommended that the tool be disassembled, degreased and parts be separated by material so that they can be recycled.

Tool repair and maintenance should only be carried out by an authorized Service Center.

Refer all communications to the nearest **Ingersoll Rand** Office or Distributor.

Related Documentation

For additional information refer to:

Air Impact Wrench Product Safety Information Manual Form 04580916.

Air Impact Wrench Product Information Manual Form 04584801.

Air Impact Wrench Maintenance Information Manual Form 04584272.

Manuals can be downloaded from ingersollrandproducts.com

ingersollrandproducts.com

© 2013 Ingersoll Rand

